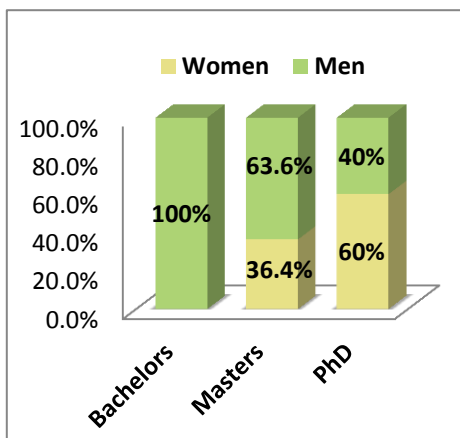




## Feed the Future Innovation Labs for Collaborative Research Country Profile

### Guatemala



#### Long-term Degree Training

The Feed the Future Innovation Labs for Collaborative Research and the former Collaborative Research Support Programs (CRSPs) since 1978 have trained a total of **28 long-term degree students** from Guatemala earning **28 degrees** in disciplines including Agroecology, Agricultural Economics, Entomology, Horticulture, Food Science and Plant Breeding. Students were granted Bachelors (3.6%), Masters (78.6%), and Ph.D. (17.9%) degrees. Women received nearly **40%** of those degrees. **INCAP** and **Purdue University** granted 15 and 5 degrees respectively. Students studied at U.S. Universities including Cornell U, Michigan State U, Purdue U, Texas A&M U, and U Georgia under BASIS AMA, Bean/Cowpea, IPM, and SMOG/INTSORMIL.

#### U.S. University Partners, Guatemala (2007 - 2013)

##### BASIS AMA

UC Davis\*  
UC Berkeley

##### Horticulture

UC Davis\*  
North Carolina State U  
Ohio State U  
U Wisconsin, Madison

##### IPM

Virginia Tech\*  
Penn State U  
Purdue U  
U Arizona  
UC Davis  
U Denver  
U Georgia

##### Pulse

Michigan State U\*

##### SMOG/INTSORMIL

U Nebraska, Lincoln\*  
Texas A&M U

\*Management Entity

#### Partners in Guatemala

(2007 - 2013)

	BASIS AMA	Horticulture	IPM	Pulse	SMOG/INTSORMIL
Instituto de Ciencia y Tecnología Agrícola - ICTA				●	●
Agroexpertos			●		
CARE, Guatemala		●			
Instituto Mesoamericano de Permacultura		●			
Universidad de San Carlos		●			
Universidad de San Marcos		●			
Universidad del Valle de Guatemala			●		
Universidad Rafael Landívar	●				

#### Innovation Labs for Collaborative Research and CRSP Activities in Guatemala (2007 - 2013)\*

##### BASIS Assets and Market Access (AMA)

- Enhancing Smallholder Competitiveness in the Face of Globalization
- Index-based Weather Insurance for Coffee Cooperatives in Guatemala

##### Dry Grain Pulses (Pulse) (Legume as of 2013)

- Strategic Investment in Rapid Technology Dissemination: Commercialization of Disease Resistant Bean Varieties in Guatemala, Honduras, Nicaragua and Haiti (BTD)

##### Horticulture

- Delivering vegetable safety education through established social networks in Latin America
- Deployment of Rapid Diagnostic Tools for Phytophthora on Horticultural Crops in Central America
- Improving Extension Methods for Horticultural Outreach Among Small-Stakeholder Farmers in Latin American Countries

- Semillas de Esperanza: Vegetable Seeds for Sustainable Agriculture
- Trellis III: Engaging US Students in International Development

### **Integrated Pest Management (IPM)**

- Integrated Pest Management: Science for Agricultural Growth in Latin America and the Caribbean
- International Plant Diagnostic Network
- International Plant Virus Disease Network
- Toward the Effective Integrated Pest Management of Plant Disease Caused by Viruses in Developing Countries: Detection and Diagnosis, Capacity Building and Training, and Formulation of IPM Packages

### **Sorghum, Millet, and Other Grains (INTSORMIL)**

- Breeding Sorghum for Improved Grain, Forage Quality and Yield for Central America
- Identification and Release of Brown Midrib (bmr) Sorghum Varieties to Producers in Central America and Haiti

\*Activities occurred at varying points from 2007-2013.



September 2013. This publication was produced for review by the United States Agency for International Development. It was prepared by the Digest Project through support provided to Cultural Practice, LLC under contracts with US universities supported by the Bureau for Food Security, U.S. Agency for International Development (USAID). The opinions expressed herein are those of the authors and do not necessarily reflect the views of the USAID.